

## Qualifications

- Bachelor's degree in Computer Science
- *Languages:* Python, Java, C/C++, MATLAB, XSLT
- *Web Development:* JavaScript, JQuery, PHP, JSP, Struts, AJAX, Apache
- *Databases:* DB2, MySQL, PostgreSQL, JDBC
- *Operating Systems:* Linux, UNIX, Windows
- *Certification:* IBM Certified Database Associate

## Work Experience

### IBM Canada Ltd

Toronto, ON

Software Developer Intern

May 2012 - August 2013

- Developed and maintained Java EE applications for Wellspring (Internal Search Engine) and deployed it on WebSphere Application Servers
- Transformed data from different format to DB2, setup crawlers and created custom document views
- Built dynamic and fluid web interfaces for new applications using JavaScript and AJAX
- Performed GUI audits and quality assurance to fix fit and finish defects on user interfaces

### University of Toronto Software Engineering Lab

Toronto, ON

Research Assistant Intern

May 2011 - August 2011

- Worked on the development and testing of OpenOME (Requirement Engineering modeling and analysis tool) Eclipse plugin based on Graphical Modeling Framework
- Implemented a parser using Java to convert to/from modeling languages such as i\*, Q7 and iStarML
- Used Finite State Machine to parse Q7 and XSLT style sheet to parse iStarML

## Projects

- Built an airline seat reservation system using JSP and JDBC
- Lead a team of five to create a web based Room Booking System using PHP and MySQL and delivered it to a real world client
- Developed a program that compresses a data file using Python
- Designed a Python based two player game using Swing toolkit and model view controller concepts
- Lead a team of six to built a Compiler for a course project language that involved implementing code generation, semantic analysis and a parser using Java
- Built a machine learning algorithm to Recognize Facial Expressions in images using MATLAB

## Education

### University of Toronto

Toronto, ON

Bachelor of Science: Honours Computer Science

September 2009 - May 2014

- Winner of Queen Elizabeth II Aiming for the Top Scholarship

## Other Activities

Ambassador of CS Department, Public Relation Officer of CS Student Union